Blakely, Sokoloff, Taylor & Zafman LLP (310) 20 Title: TWO-DIMENSIONAL PYRAMID FILTER ARCHITECTURE 1st Named Inventor: Tinku Acharya Express Mail No.: EV 339911332US Docket No.: 42P Sheet: 1 of 9 (310) 207-3800

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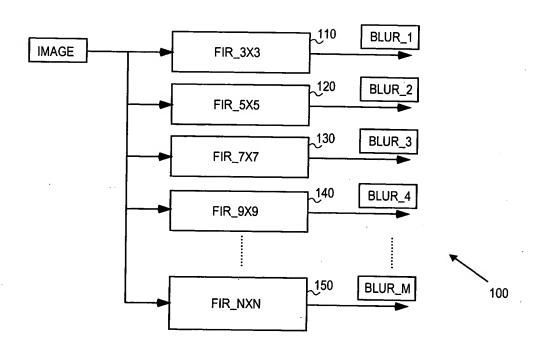


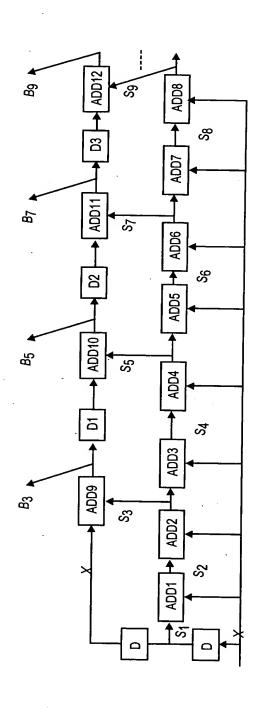
FIG. 1

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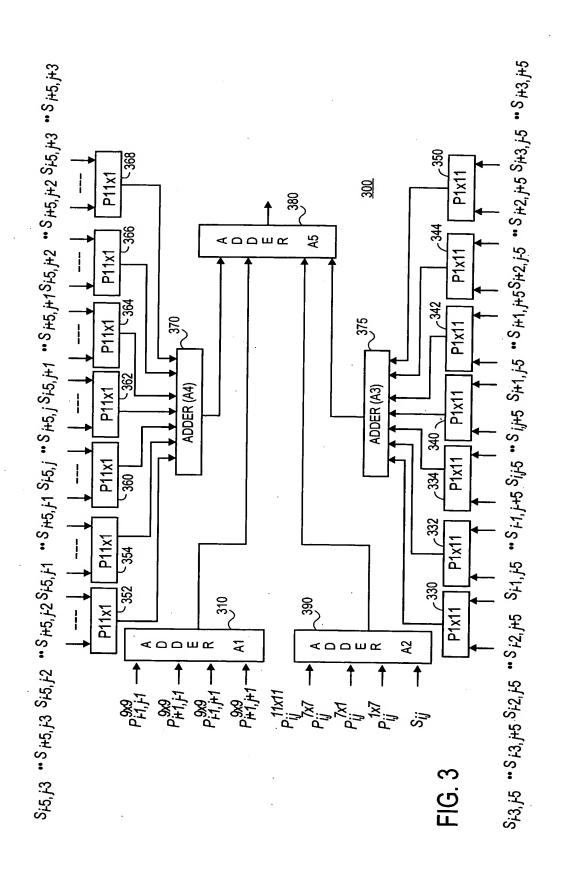
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S <sub>0,N-1</sub>	S1,N-1	• •••		•	•	SM-1, N-1	
•	•	•	•	•	•	•	
•	•	S <sub>i-1, j+1</sub>	S <sub>i, j+1</sub>	Sj+1, j+1	•	•	
•	•	S <sub>j-1</sub> , j	$S_{i,j}$	$S_{j+1,j}$	•	:	
· . •		S <sub>i-1</sub> , j-1	S <sub>i, j-1</sub>	Sj+1, j-1	•	•	
50,1	•	•	•	•	•	SM-1,1	
80,0	87,0	• •	••	•	•	SM-1,0	

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 $F_{kxk} = \begin{vmatrix} \frac{k+1}{2} \\ \vdots \\ 3 \\ 2 \\ 1 \end{vmatrix}$ 2 2 1 6 4 2 3(k+1)9 9 3 2(k+1)3(k+1)(k+1)\*(k+1)3(k+1)2(k+1)k +1 6 9 9 6 3 6 2 2 3 3 2 1

FIG. 6

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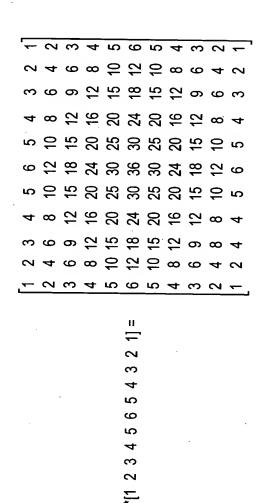
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7 6 7 6 6 7 7 6 7 7

FIG. 7

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•						ı	
P <sub>0,N-1</sub>	P1,N-1	•	•••	•		PM-1,N-1	
•	•	•	. •	•	•	•	
•	•	•	•	•	•	•	
. •	•	•	P. KX1	•	•	•	
•	•	•	•	•	• .	•	
P kx1	P1,1	•	•	•	, kx	PM-1,1	
P, KX1	P <sub>1,0</sub>	• •		• .	. X	PM-1,0	
		KX	II				